

DECLARATION

ATTORNEY'S DOCKET NO.
8733/PD-6901

- ☐ ORIGINAL
☐ CONTINUATION
☐ DIVISIONAL

As a below named inventor, I declare that the information given herein is true, that I believe that I am the original, first and sole inventor if only one name is listed at 1 below, or a joint inventor if plural inventors are named below at 1-4, of the invention entitled:

IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE

Which is described and claimed in:

- ☐ the attached specification or
☐ the specification in application Serial No. _____ filed _____ ☐ as amended on _____ (if applicable)
 (for declaration not accompanying application)

and for which a patent is sought, and that my residence, post office address and citizenship are as stated below next to my name.
 I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56(a).
 I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
 I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

COUNTRY	APPLICATION NUMBER	DATE OF FILING Month Day Year	PRIORITY CLAIMED UNDER 35 U.S.C. 119
Korea	1998-02121	January 23, 1998	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.) (Filing Date) (Status)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or Agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.
 STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; MICHAEL J. RAM, Reg. No. 26,379; HIDEO KODA, Reg. No. 27,729; R. DABNEY EASTHAM, Reg. No. 31,247; JoANNE S. REDMANN, Reg. No. 31,482; SONG K. JUNG, Reg. No. 35,210; WILLIAM H. WRIGHT, Reg. No. 36,312; PETER J. GLUCK, Reg. No. 38,022; JONATHAN Y. KANG, Reg. No. 38,199; DAVID L. LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690

Send correspondence to:
 LOEB & LOEB LLP
 10100 Santa Monica Blvd., 22nd Floor
 Los Angeles, California 90067-4164

DIRECT TELEPHONE CALLS TO:
 Song K. Jung
 (310) 282-2338

(Please Print)

1	Name of Inventor	LAST NAME SEO	FIRST NAME Seong Moh	MIDDLE NAME	Residence: CITY Anyang-shi	STATE or COUNTRY Republic of Korea
	Post Office Address 20-102 Kyunghyong Apt., Hogae-dong, Dongan-ku, Anyang-shi, Kyungki-do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 1

Seo Seong Moh '98. 12.15

DATE

'98. 12.15

COPY

(Please Print)

2	Name of Inventor	LAST NAME SHIN	FIRST NAME Hyun Ho	MIDDLE NAME	Residence Kunpo-shi	STATE or COUNTRY Republic of Korea
	Post Office Address 338-1504 Yulok Apt., 878 Kumjung-dong, Kunpo-shi, Kyungki-do, Korea					CITIZENSHIP

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 2	Hyunho Shin
DATE	98.12.17

(Please Print)

3	Name of Inventor	LAST NAME OH	FIRST NAME Young Jin	MIDDLE NAME	Residence: CITY NamyangJu-shi	STATE or COUNTRY Republic of Korea
	Post Office Address 1-307 Hyochang Apt., Keumgok-dong, NamyangJu-shi, Kyungki-do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 3	Young-Jin Oh
DATE	98.12.18

(Please Print)

4	Name of Inventor	LAST NAME LEE	FIRST NAME Hyun Chang	MIDDLE NAME	Residence: CITY Anyang-shi	STATE or COUNTRY Republic of Korea
	Post Office Address La-101 Sungail villa., Kwanyang-dong, Dongan-ku, Anyang-shi, Kyungki-do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 4	Hyun - Chang Lee
DATE	98.12.18

(Please Print)

5	Name of Inventor	LAST NAME KIM	FIRST NAME Chang Yeon	MIDDLE NAME	Residence: CITY Anyang-shi	STATE or COUNTRY Republic of Korea
	Post Office Address 101-910 Sungwon Apt., Anyang-5dong, Manan-ku, Anyang-shi, Kyungki-do, Korea					CITIZENSHIP Republic of Korea

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 5	Chang-Yeon Kim
DATE	98.12.17

COPY



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 10, 2001

PTAS

LOEB & LOEB LLP
JONATHAN Y. KANG, ESQ.
10100 SANTA MONICA BLVD., 22ND FLOOR
LOS ANGELES, CA 90067-4164



101630323A

8733-017-10

RG

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/13/2001

REEL/FRAME: 011553/0592
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SEO, SEONG MOH

DOC DATE: 12/15/1998

ASSIGNOR:

SHIN, HYUN-HO

DOC DATE: 12/17/1998

ASSIGNOR:

OH, YOUNG-JIN

DOC DATE: 12/15/1998

ASSIGNOR:

LEE, HYUN-CHANG

DOC DATE: 12/17/1998

ASSIGNOR:

KIM, CHANG-YEON

DOC DATE: 12/17/1998

ASSIGNEE:

LG ELECTRONICS INC.
20, YOIDO-DONG, YONGDUNGPO-KU
SEOUL, REPUBLIC OF KOREA

011553/0592 PAGE 2

SERIAL NUMBER: 09781189
PATENT NUMBER:

FILING DATE: 02/13/2001
ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595

1-3-92

03-08-2001

LETTER

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket No.: 8733D-6901

To the Assistant Commissioner,

101630323

original documents or copy thereof.

1. Name of conveying party(ies):

Seong Moh SEO, sig. Date 12/15/98; Hyun-Ho SHIN, sig. Date 12/17/98; Young-Jin OH, sig. Date 12/15/98; Hyun-Chang LEE, sig. Date 12/17/98; Chang-Yeon KIM, sig. Date 12/17/98

Additional name(s) of conveying party(ies) attached? ☒ No

2. Name and address of receiving party(ies):

LG ELECTRONICS INC.
20, Yoldo-dong, Yongsongpo-ku
Seoul, Korea

11036 U.S. PTO
09/18/99
02/13/01

3. Nature of conveyance: ☒ Assignment

Execution Date: December 15 and December 17, 1998

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: December 17, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Jonathan Y. Kang, Esq.
LOEB & LOEB LLP
10100 Santa Monica Blvd., 22nd Floor
Los Angeles, CA 90067-4184

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

12-1820

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Jonathan Y. Kang, Reg. No. 38,199

Date: January 21, 1999

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

COPY



ASSIGNMENT


Attorney Docket No. 8733/PD-6901

(1-8) Insert Name(s) of Inventor(s)

(1) Seong Moh So(5) Chang Yeon Kim(2) Hyun Ho Shin

(6) _____

(3) Young Jin Oh Youn-Jin Oh

(7) _____

(4) Hyun Chang Lee Hyun-Chang Lee

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee

(9) LG Electronics Inc.

(10) Insert state of Incorporation of Assignee

(10) Korea

(11) Insert address of Assignee

(11) of 20, Yoido-dong, Yongdungpo-ku, Seoul, Korea

(hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert Identification of Invention, such as Title, Case Number or Foreign

(12) IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY DEVICE
for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

Application Number

(13) Insert Date of Signing of Application

(13) on 1998. 12. 15

1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

6) The undersigned hereby appoints STUART LUBITZ, Reg. No. 20,680; LOUIS A. MOK, Reg. No. 22,585; JOHN P. SCHERLACHER, Reg. No. 23,009; MICHAEL J. RAM, Reg. No. 26,379; HIDEO KODA, Reg. No. 27,729; R. DABNEY EASTHAM, Reg. No. 31,247; JoANNE S. REDMANN, Reg. No. 31,482; SONG K. JUNG, Reg. No. 35,210; WILLIAM H. WRIGHT, Reg. No.

COPY

36,312; PETER J. GLUCK, Reg. No. 38,022; JONATHAN Y. KANG, Reg. No. 38,189; DAVID L. LUBITZ, Reg. No. 38,229; WEI-NING YANG, Reg. No. 38,690 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 98.12.15 Signature of Inventor Seo Seong Mich
Date: 98.12.17 Signature of Inventor Hyunha Shim
Date: 98.12.15 Signature of Inventor Young-Jin Oh
Date: 98.12.17 Signature of Inventor Hyun-Chang Lee
Date: 98.12.17 Signature of Inventor Chang-Yeon Kim

LDATA\KANG\K153 LGP\DW11 PTO\ASSIGN.VPP

COPY